CLAIMS

1 A display for displaying pre-recorded images, said display comprising at least one image stack comprising at least one image sub-stack (13, 14, 15), said image sub-stack comprising a material which optical properties depend on a potential difference (V1) applied between two electrodes (13, 15), wherein said image sub-stack can be locally altered in order to record an image.

2 A display for displaying pre-recorded images, said display comprising at least one image stack comprising at least one image sub-stack, said image sub-stack comprising a material which optical properties depend on a potential difference applied between two electrodes, wherein said image sub-stack is locally altered in order to record an image which can be displayed by applying said potential difference between said two electrodes.

3 A display as claimed in Claim 1 or 2, wherein said material is an electrochromic material.

4 A display as claimed in Claim 3, wherein said electrochromic material has an ability to take up or release electrons, which can be locally reduced by means of an optical beam.

5 A display as claimed in Claim 1 or 2, said display further comprising a color filter.

6 A display as claimed in 5, said color filter comprising pixels having different colors.

7 A display as claimed in Claim 3, wherein said at least one image stack comprises at least two image sub-stacks comprising materials having different optical properties.

8 A display as claimed in claim 1 or 2, said display comprising at least two image stacks (61, 63).

9 A method for recording an image in a display as claimed in claim 1, said method comprising a step of locally altering said at least one image sub-stack in order to record an image.

10 A method for recording an image as claimed in claim 9, wherein said altering step comprises a sub-step of focusing an optical beam on the at least one image sub-stack.

11 A cartridge for recording an image in a display as claimed in claim 1, said cartridge comprising means for receiving said display, means for receiving a signal comprising information about a selected image sub-stack and means for applying a potential difference between the two electrodes of said selected image sub-stack.

12 A cartridge for displaying an image in a display as claimed in claim 2, said cartridge comprising means for receiving said display, means for selecting an image sub-stack and

means for applying a potential difference between the two electrodes of the selected image sub-stack.